

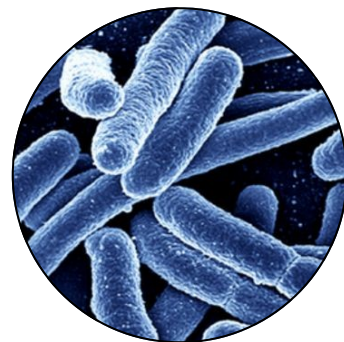
HEALTH MATTERS

Communicable Disease & Epidemiology Newsletter from Davis County Health Department

Disease Matters

Foodborne Illnesses Rise with the Temperature

This summer, Davis County has already begun to see an increase in foodborne illnesses such as *E. coli*, *Salmonella*, *Shigella*, and *Campylobacter* (see Figure 1). Foodborne illnesses increase each year during the summer months as many of the bacteria that are found in our environment grow fastest at temperatures between 90° - 110° F. This, along with the fact that many foods offer an ideal location for bacteria to grow, creates an increased risk for foodborne illness. Additionally, preparing and serving food outdoors makes safe food handling practices more difficult. Indoor kitchens have mechanical refrigeration and convenient hand and dishwashing facilities—things that are often not available at picnics, barbecues, outdoor festivals, or campsites.



Need to Report a Communicable Disease?



Call Davis County Health Department at 801-525-5220

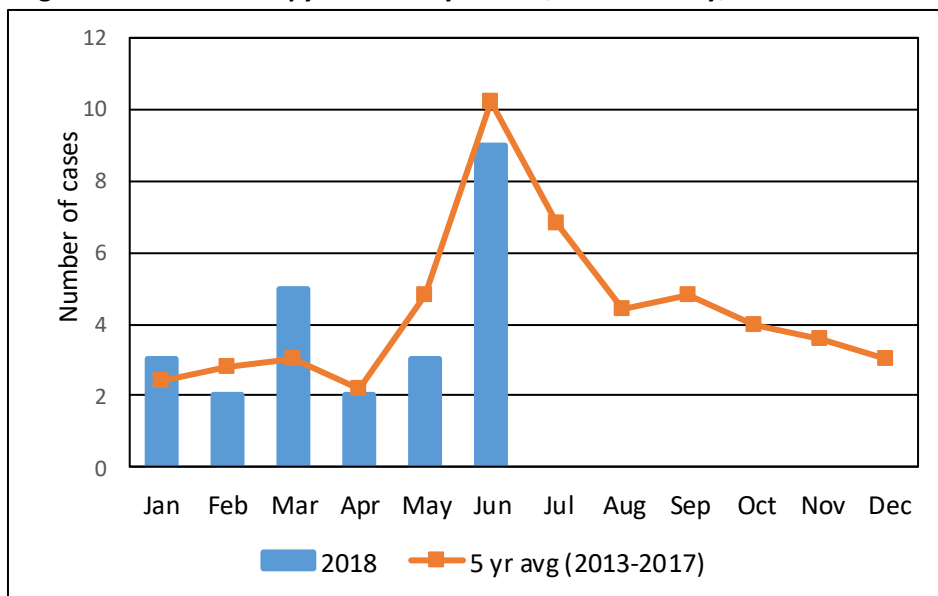


Or fax the [information](mailto:info@dcphd.org) to 801-525-5210

The best way to prevent foodborne illness is through safe food handling practices, such as proper cleaning of hands and surfaces, separating raw animal products from ready-to-eat foods, cooking foods to the proper temperatures, and ensuring foods are chilled at proper temperatures.

Stool samples should be collected when possible to confirm which pathogen is responsible for the illness and to determine if the case is related to any other known cases of illness.

Figure 1. Cases of *Campylobacter* by Month, Davis County, 2018



Seasonal Matters

Mosquito Season

The Utah Public Health Laboratory has begun testing mosquito pools for West Nile virus. This provides public health valuable information regarding active mosquito areas and the types of mosquitoes present. Davis County has mosquito pools that are positive for West Nile virus every year. Thus far in 2018, no positive pools have been identified.



While the Davis County Mosquito Abatement District sprays for mosquitoes each year, individuals should protect themselves by using mosquito repellent, wearing long-sleeved shirts and long pants, and limiting outdoor exposure from dusk to dawn. Additionally, any standing water should be dumped out to help minimize mosquito breeding.

For additional information, please visit:

<https://www.cdc.gov/westnile/>.

Staff Matters

We recently said goodbye to **Jan Taylor**, our Disease Data Technician, who has worked at Davis County Health Department for the last five years. We appreciate her efforts to provide excellent disease surveillance and record-keeping at the health department.



Caitlin Pratt has joined our team as an Epidemiologist. Caitlin will oversee disease surveillance, analyze investigation data, and assist with outbreak



investigations. We are looking forward to using the skills she has brought from Environmental Health where she has worked for the last two years.

Number Matters

Selected Notifiable Diseases, 2018 & 2017

	2018 Year-to-Date	2017 Year-to-Date (Total)	% Increase or Decrease Year-to-Date
Campylobacteriosis	24	30 (59)	20% ↓
Chlamydia	602	524 (1094)	15% ↑
Gonorrhea	119	88 (171)	35% ↑
Hepatitis A	4	1 (5)	300% ↑
Hepatitis B, acute & chronic	12	14 (34)	14% ↓
Hepatitis C, acute & chronic	56	74 (130)	24% ↓
Mumps	1	2 (2)	50% ↓
Measles	0	0 (0)	—
Meningococcal disease	0	0 (0)	—
Pertussis	23	18 (37)	28% ↑
Salmonellosis	14	17 (41)	18% ↓
Shiga-toxin producing E. coli	9	3 (13)	200% ↑
Shigellosis	2	2 (3)	0%
Syphilis, all stages	18	8 (22)	125% ↑
Tuberculosis, active disease	0	3 (3)	100% ↓
Tuberculosis, latent infection	39	51 (77)	24% ↓

Calendar Matters

July 4: Independence Day

July 24: Pioneer Day

July 28: World Hepatitis Day

Aug: National Immunization Awareness Month

Aug 14: Davis County Board of Health Meeting

Aug 22: First Day of School for Davis School District

Sept 3: Labor Day

Sept 28: World Rabies Day



Davis County Health Department • Communicable Disease & Epidemiology Bureau
22 S. State Street • Clearfield, UT 84015
Phone: 801-525-5200 • Fax: 801-525-5210 • Website: www.daviscountyutah.gov/health